

# Mauna Loa Observatory Road Repair and Rehabilitation Project



## Project: Mauna Loa Observatory Road Repair and Rehabilitation

Project Location: North side of the Mauna Loa Volcano, Big Island, Hawaii

Line office: Global Monitoring Division of the Earth Sciences Research Laboratories, Boulder, Colorado

**PPMD Project Scope:** Provide full design and construction administration services. The current project will pave the last 2.7 miles of road to the Observatory. An additional 1.25 miles of a 1" overlay at the top end of the project and .25 miles at the bottom will be paved and complete the project. **Awarded Amount:** \$802,500 by Highway Administration in Aug 2014.

**Background:** The MLO road provides access to the Mauna Loa Observatory that is host to research, monitoring and surveillance programs from 14 federal agencies (NOAA, DOE, EPA, NCAR, NASA, USPS, FAA, USGS, Army, Navy, Air Force, FBI and 3 others) and 28 universities. The Global Monitoring Division (GMD) is collocated with the PPMD Branch in Boulder Colorado and worked successfully on all GMD projects in Hawaii, Alaska, and American Samoa. Road bed reconstruction and repairs were completed during the two previous Highway Administration allotments that totaled \$2,541,333.33. The current allotment of \$802,500 brings the total project cost to \$3,343,833.33. The completed project will last at least 30 years provided heavy construction traffic is kept off the road.



**Current Status:** The procurement is by the Boulder office of AGO. NOAA CAO approved the project in August 2014 after an expedited review and clearance by OGC. The June 11, 2015 award of the contract to Yamada & Sons Inc. was protested by one of the other bidders that alleged that Yamada & Sons was not a small business. The protest was reviewed by the Small Business Administration who decided on July 23, 2015 that Yamada and Sons Inc. is a small business. Boulder AGO awarded a revised contract amount of \$789,806 on August 20, 2015. Remaining funds in amount of \$12,694 will be utilized for travel, Inspection, and paint for NOAA Global Monitoring division to be used for striping the road. Construction began on August 24, 2015 and will be completed by September 30, 2015 (E).



**Original Contract Award Date:** June 11, 2015 (start of work delayed due to a bid protest)

**Completion date:** September 30, 2015 (E)

**PPMD Project Manager:** Ron Jakaitis P.E., FAC COR Level III

**Other Project Team Members:** Rick Simansons P.E., Central Federal Lands Highway Division  
Chad Hepp, Contracting Officer – Boulder AGO, Sue Bratton, Contract Specialist – Boulder AGO

**Contractor:** Yamada & Sons, Inc. Hilo, Hawaii